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TECH CENTER 1600/

16315-0002

SERIAL NO.
10/057,609

FILING DATE
January 24, 2002

APPLICANT
Karnosky et al.

GROUP
1638

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|------------------|-------------------|-------|----------|-------------------------------|
| DK | AA | 5,354,943 | October 11, 1994 | Michler et al. | 800 | 230 | _____ |
| | AB | 5,767,366 | June 16, 1998 | Sathasivan et al. | 800 | 205 | _____ |
| DK | AC | 5,922,928 | July 13, 1999 | Chiang et al. | 800 | 278 | _____ |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | TRANSLATION | |
|----|----|-----------------|------------|---------|---------------------------|-------------|----|
| | | | | | | YES | NO |
| DK | BA | 0 525 384 A2 | 6/24/1992 | EP | American Cyanamid Company | _____ | |
| DK | BB | 96/33270 | 10/24/1996 | WO | American Cyanamid Company | _____ | |
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| DK | CA | Brasileiro et al., Expression of the mutant <i>Arabidopsis thaliana</i> acetolactate synthase gene confers chlorsulfuron resistance to transgenic poplar plants", <i>Transgenic Research</i> , 1:133-141, 1992. |
| I | CB | Chupeau et al., "Recovery of transgenic trees after electroporation of poplar protoplasts", <i>Transgenic Research</i> , 3:13-19, 1994. |
| DK | CC | Levée et al., <i>Agrobacterium tumefaciens</i> -mediated transformation of hybrid larch (<i>Larix kaempferi</i> x <i>L. decidua</i>) and transgenic plant regeneration, <i>Plant Cell Reports</i> , 16:680-685, 1997. |
| | CD | Shin et al., "Transgenic larch expressing genes for herbicide and insect resistance", <i>Can. J. For. Res.</i> , 24:2059-2067, 1994. |
| | CE | Tsai et al., "Agrobacterium-mediated transformation of quaking aspen (<i>Populus tremuloides</i>) and regeneration of transgenic plants", <i>Plant Cell Reports</i> , 14:94-97, 1994. |
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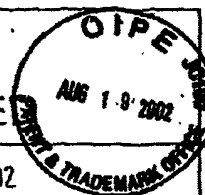
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| ATTY. DOCKET NO. 16313-0093 | SERIAL NO. 10/057,609 | FILING DATE January 24, 2002 | AUG 21 2002 |
| APPLICANT David F. Karnosky, Gopi K. Podila and Bixia Xiang | | GROUP 1638 | TECH CENTER 1600/2900 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
| AA | | | | | | |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | NAME | TRANSLATION YES NO. |
|-----------------|------|---------|------|------------------------|
| AB | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AC | Shaner et al., "Imidazolinones Potent Inhibitors of Acetohydroxyacid Synthase", 1984 Plant Physiol. 76:545-546. ✓ |
| AD | Shaner and Robinson, "Absorption, Translocation, and Metabolism of AC 252 214 in Soybean (<i>Glycine max</i>), Common Cocklebur (<i>Xanthium strumarium</i>), and Velvetleaf (<i>Abutilon theophrasti</i>)", 1985 Weed Sci. 33:469-471. ✓ |
| AE | Newhouse et al., "Mutations in corn (<i>Zea mays</i> L.) conferring resistance to imidazolinone herbicides", 1991 Theor. Appl. Genet. 83:65-70. ✓ |
| AF | Newhouse et al., "Tolerance to Imidazolinone Herbicides in Wheat", 1992 Plant Physiol. 100:882-886. ✓ |
| AG | Barrette et al., "Protection of Grass Crops from Sulfonylurea and Imidazolinone Toxicity", 1989 Crop Safeners for herbicides, Academic Press New York, pp. 195-220. ✓ |
| AH | Brown et al., "Hydrolytic Activation versus Oxidative Degradation of Assert Herbicide, an Imidazolinone Aryl-carboxylate, in Susceptible Wild Oat versus Tolerant Corn and Wheat", 1987 Pestic. Biochem. Physiol. 27:24-29. ✓ |
| AI | Ott et al., "Rational Molecular Design and Genetic Engineering of Herbicide Resistant Crops by Structure Modeling and Site-directed Mutagenesis of Acetohydroxyacid Synthase", 1996 J. Mol. Biol. 263:359-368. ✓ |
| AJ | Swanson et al., "Microspore mutagenesis and selection: Canola plants with field tolerance to the imidazolinones", 1989 Theor. Appl. Genet. 78:525-530. ✓ |
| AK | Li et al., "An improved rice transformation system using the biolistic method", 1992 Plant Cell Rep. 12:250-255. ✓ |
| AL | Sathasivan et al., "Molecular Basis of Imidazolinone Herbicide Resistance in <i>Arabidopsis thaliana</i> var Columbia", 1991 Plant Physiol. 97:1044-1050. ✓ |
| AM | Odell et al., "Comparison of Increased Expression of Wild-Type and Herbicide-Resistant Acetolactate Synthase Genes in Transgenic Plants, and Indication of Posttranscriptional Limitation on Enzyme Activity", 1990 Plant Physiol. 94:1647-1654. ✓ |
| AN | Tsai et al., "Agrobacterium-mediated transformation of quaking aspen (<i>Populus tremuloides</i>) and regeneration of transgenic plants", 1994 Plant Cell Reports 14:94-97. ✓ |
| AO | Huang et al., "Agrobacterium Rhizogenes-Mediated Genetic Transformation and Regeneration of a Conifer: <i>Larix Decidua</i> ", 1991 In Vitro Cell. Dev. Biol. 270-201-207. ✓ |
| AP | Shin et al., "Transgenic larch expressing genes for herbicide and insect resistance", 1994 Can. J. For. Res. 24:2059-20-67. ✓ |

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| EXAMINER <i>Dave Gure</i> | DATE CONSIDERED 14 August 2003 |
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